

IN THE CLAIMS:

1. (Currently amended) A self-contained computerized variable intensity light ~~bulb~~ controller, comprising:

~~a plurality of light sources~~ at least two connectors adapted to provide power to at least two fluorescent lamps;

a power source connector ~~having a standard light bulb base~~ for connecting the ~~computerized variable intensity light bulb~~ controller to a ~~standard light bulb socket~~ as a power source; and

a computerized light control connected to, and integrated with, said power source connector for receiving power and connected to said ~~plurality of light sources~~ connectors for providing power to ~~light sources~~ said at least two connectors without using a filter, a phase-fired SCR, a choke and an amplifier.

2. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, further comprising a plurality of light sources mounted in said at least two connectors ~~plurality of light source sockets;~~

wherein said ~~light sources~~ fluorescent lamps comprise at least one of compact fluorescent bulbs, self ballasted fluorescent bulbs, and fluorescent bulbs, ~~incandescent bulbs, are tubes, metal halide bulbs, mercury bulbs, low pressure sodium bulbs, high pressure sodium bulbs, luminescent panels, and light emitting diodes.~~

3. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said ~~light control~~ controller comprises a computer.

4. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said ~~light control~~ controller comprises at least a processor.

5. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said ~~light control~~ controller is networkable.

6. (Canceled).

7. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said

~~plurality of light source sockets at least two connectors~~ is 256 ~~light source sockets connectors~~.

8. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said computerized light control is adapted to control the single feed power provided to each one of said ~~plurality of light source sockets at least two connectors~~ by turning on and off individually each one of said at least two connectors ~~plurality of light source sockets~~.

9. (Currently amended) The ~~fixture~~ controller as claimed in claim 5, wherein said light control is adapted to send and receive signals.

10. (Currently amended) The ~~fixture~~ controller as claimed in claim 9, wherein said sent and received signals comprise at least one of control and status signals.

11. (Currently amended) The ~~fixture~~ controller as claimed in claim 9, wherein said received signals comprise commands to control said computerized light control.

12. (Currently amended) The ~~fixture~~ controller as claimed in claim 9, wherein said sent signals comprise commands to control another computerized light control.

13. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said ~~light fixture controller~~ is an individual connectable replacement for an existing light source.

14. (Currently amended) The ~~fixture~~ controller as claimed in claim 13, wherein said ~~light fixture controller~~ comprises a single screw-in replacement element.

15. (Currently amended) A method of modifying a light output level of a self-contained computerized variable intensity light ~~bulb~~ controller having ~~a plurality of light source sockets at least two connectors adapted to provide power to at least two fluorescent lamps, light sources connected to said light source sockets~~ a fluorescent lamp connected to each of said at least two connectors and a computerized light control connected to each of said ~~plurality of light source sockets at least two connectors~~ for controlling individually each one of said ~~plurality of light source sockets at least two connectors~~, the method comprising the steps of:

receiving a signal to modify said light output level of said ~~light fixture~~ ^{lack antecedent} controller fluorescent lamps; and

individually activating or deactivating one or more of said ~~plurality of light source sockets~~ at least two connectors in response to said received signal to modify said light output level of said ~~light fixture~~ controller fluorescent lamps without using a filter, a phase-fired SCR, a choke and an amplifier.

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16. (Original) The method as claimed in claim 15, wherein said light control comprises a computer.

17. (Original) The method as claimed in claim 15, wherein said light control comprises at least a processor.

18. (Original) The method as claimed in claim 15, wherein said light control is networkable.

19. (Canceled)

20. (Currently amended) The method as claimed in claim 15, wherein said at least two connectors ~~plurality of light source sockets~~ is 256 connectors ~~light source sockets~~.

21. (Currently amended) The method as claimed in claim 15, wherein said step of individually activating or deactivating comprises individually turning on and off one or more of said at least two connectors ~~plurality of light source sockets~~.

22. (Original) The method as claimed in claim 18, wherein said received signal is received from a network.

23. (Currently amended) The method as claimed in claim 18, further comprising the step of sending a signal indicative of the status of said ~~light fixture~~ controller.

24. (Currently amended) The method as claimed in claim 18, further comprising the step of sending a signal indicative of the status of said at least two connectors ~~plurality of light~~

source sockets.

25. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said ~~light fixture controller~~ is a replacement for a light source.

26. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said ~~light fixture controller~~ is uniquely addressable on a network.

27. (Currently amended) The ~~fixture~~ controller as claimed in claim 1, wherein said ~~light fixture controller~~ is networkable with another of said ~~light fixture controller~~.

28. Canceled.

29. Canceled.

30. Canceled.

31. Canceled.

32. (Previously amended) A self-contained, computerized, variable light output level light source comprising:

a plurality of controllable filaments;

a power source connector having a standard light bulb base for connecting the light source to a standard light bulb socket as a power source, and;

a computerized light control connected to, and integrated with, said power source connector for receiving power and connected to said plurality of controllable filaments wherein said light control controls each of said plurality of controllable filaments without using a filter, a phase-fired SCR, a choke and an amplifier.

33. (Previously added) The light source as claimed in claim 32, wherein said plurality of controllable filaments is more than two filaments.

34. (Previously added) The light source as claimed in claim 32, wherein said plurality of controllable filaments is 256 filaments.

35. (Previously added) The light source as claimed in claim 32, wherein each of said plurality of controllable filaments is individually controllable by said light control.

36. (Previously added) The light source as claimed in claim 32, wherein the light source is a replacement for an existing light source.

37. Canceled.

38. Canceled.

39. (Previously added) The light source as claimed in claim 32, wherein the light source is connectable to a standard light source socket.

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